

InWorld Challenge Rubric 1: Knowledge Spaces & Models

Category	Score
Knowledge Spaces	
<p>Team Identifications and Collaborations</p> <ul style="list-style-type: none"> • An informative visual includes team name, team members, and affiliations. (___/4) • Evidence clearly shows the team shared responsibility and worked together. (___/4) <p>Design Process (Team's Original Spinoff Innovation) <i>Evidence of EACH of the steps in the Design Process must be clearly displayed in the Knowledge Space. See the Engineering Design Process Packet for more details.</i></p> <p>Identify the Problems</p> <ul style="list-style-type: none"> • A problem statement for applying the JWST technology to other situations is stated clearly. (___/4) <p>Identify Criteria and Constraints</p> <ul style="list-style-type: none"> • Conditions and limits to the solution (should be specific) are clearly identified as the technology is applied to a new situation. (___/4) <p>Brainstorm Possible Solutions</p> <ul style="list-style-type: none"> • Important information about the mission was considered in the spinoff. (___/4) • The reasons the team did or did not choose brainstormed ideas are clearly identified. (___/4) <p>Select a Design</p> <ul style="list-style-type: none"> • Sketches clearly depict the design. (___/4) • Strengths and weaknesses of the design are discussed. (___/4) <p>Content Application and Merit of the Design</p> <ul style="list-style-type: none"> • Design is feasible and based on accurate applications of science and mathematical concepts. (___/4) • Explanation includes evidence of research to support science and mathematical concepts. (___/4) 	<div> <div></div> <div>/40</div> </div>

